



FortiManager - Release Notes

Version 6.0.2

FORTINET DOCUMENT LIBRARY

<http://docs.fortinet.com>

FORTINET VIDEO GUIDE

<http://video.fortinet.com>

FORTINET BLOG

<https://blog.fortinet.com>

CUSTOMER SERVICE & SUPPORT

<https://support.fortinet.com>

FORTIGATE COOKBOOK

<http://cookbook.fortinet.com>

FORTINET TRAINING SERVICES

<http://www.fortinet.com/training>

FORTIGUARD CENTER

<http://www.fortiguard.com>

END USER LICENSE AGREEMENT

<http://www.fortinet.com/doc/legal/EULA.pdf>

FEEDBACK

Email: techdocs@fortinet.com



August 14, 2018

FortiManager 6.0.2 Release Notes

02-602-500977-20180814

TABLE OF CONTENTS

Change Log	5
Introduction	6
Supported models	6
Minimum screen resolution	6
What's new in FortiManager 6.0.2	7
Fabric View	7
Policy & Objects	7
Special Notices	8
Reconfigure SD-WAN after Upgrade	8
FortiGate VM 16/32/UL license support	8
Hyper-V FortiManager-VM running on an AMD CPU	8
VM License (VM-10K-UG) Support	8
FortiOS 5.4.0 Support	8
SSLv3 on FortiManager-VM64-AWS	9
Upgrade Information	10
Upgrading to FortiManager 6.0.2	10
Downgrading to previous firmware versions	10
FortiManager VM firmware	10
Firmware image checksums	11
SNMP MIB files	12
Product Integration and Support	13
FortiManager 6.0.2 support	13
Feature support	16
Language support	17
Supported models	18
Compatibility with FortiOS Versions	26
Compatibility issues with FortiOS 5.6.4	26
Compatibility issues with FortiOS 5.6.3	26
Compatibility issues with FortiOS 5.6.0 and 5.6.1	26
Compatibility issues with FortiOS 5.4.9	27
Compatibility issues with FortiOS 5.2.10	27
Compatibility issues with FortiOS 5.2.7	27
Compatibility issues with FortiOS 5.2.6	27
Compatibility issues with FortiOS 5.2.1	28
Compatibility issues with FortiOS 5.2.0	28
Resolved Issues	29
Common Vulnerabilities and Exposures	32

Known Issues	33
Appendix A - FortiGuard Distribution Servers (FDS)	34
FortiGuard Center update support	34

Change Log

Date	Change Description
2018-08-14	Initial release of 6.0.2.

Introduction

This document provides the following information for FortiManager 6.0.2 build 205:

- [Supported models](#)
- [What's new in FortiManager 6.0.2](#)
- [Special Notices](#)
- [Upgrade Information](#)
- [Product Integration and Support](#)
- [Compatibility with FortiOS Versions](#)
- [Resolved Issues](#)
- [Known Issues](#)
- [FortiGuard Distribution Servers \(FDS\)](#)

For more information on upgrading your device, see the FortiManager *Upgrade Guide*.

Supported models

FortiManager version 6.0.2 supports the following models:

FortiManager	FMG-200D, FMG-200F, FMG-300D, FMG-300E, FMG-300F, FMG-400E, FMG-1000D, FMG-2000E, FMG-3000F, FMG-3900E, FMG-4000D, FMG-4000E, and FMG-MFGD.
FortiManager VM	FMG-VM64, FMG-VM64-AWS, FMG-VM64-Azure, FMG-VM64-HV (including Hyper-V 2016), FMG-VM64-KVM, FMG-VM64-XEN (for both Citrix and Open Source Xen).

Minimum screen resolution

The recommended minimum screen resolution is 1280 x 800. Please adjust the screen resolution accordingly. Otherwise, the GUI may not display properly.

What's new in FortiManager 6.0.2

The following is a list of new features and enhancements in 6.0.2. For details, see the *FortiManager Administrator Guide*:



Not all features/enhancements listed below are supported on all models

Fabric View

Fabric Connector Improvements

Improvements to Fabric Connector configuration and added support for multiple ITSM vendor connectors.

Policy & Objects

Color support for policy packages

Enhanced readability of Policy Interfaces & Zones objects by adding color support.

Special Notices

This section highlights some of the operational changes that administrators should be aware of in 6.0.2.

Reconfigure SD-WAN after Upgrade

The SD-WAN module has been fully redesigned in FortiManager v6.0 to provide granular monitor and control. Upgrading SD-WAN settings from 5.6 to 6.0 is not supported. Please reconfigure SD-WAN after upgraded to v6.0.

FortiGate VM 16/32/UL license support

FortiOS 5.4.4 introduces new VM license types to support additional vCPUs. FortiManager 5.6.0 supports these new licenses with the prefixes of FGVM16, FGVM32, and FGVMUL.

Hyper-V FortiManager-VM running on an AMD CPU

A Hyper-V FMG-VM running on a PC with an AMD CPU may experience a kernel panic. Fortinet recommends running VMs on an Intel-based PC.

VM License (VM-10K-UG) Support

FortiManager 5.4.2 introduces a new VM license (VM-10K-UG) that supports 10,000 devices. It is recommended to upgrade to FortiManager 5.4.2 or later before applying the new license to avoid benign GUI issues.

FortiOS 5.4.0 Support

With the enhancement in password encryption, FortiManager 5.4.2 and later no longer supports FortiOS 5.4.0. Please upgrade FortiGate to 5.4.2 or later.



The following ADOM versions are not affected: 5.0 and 5.2.

SSLv3 on FortiManager-VM64-AWS

Due to known vulnerabilities in the SSLv3 protocol, FortiManager-VM64-AWS only enables TLSv1 by default. All other models enable both TLSv1 and SSLv3. If you wish to disable SSLv3 support, please run:

```
config system global
set ssl-protocol tlsv1
end
```

Upgrade Information

Upgrading to FortiManager 6.0.2

You can upgrade FortiManager 5.6.0 or later directly to 6.0.2. If you are upgrading from versions earlier than 5.6.x, you should upgrade to the latest patch version of FortiManager 5.6, then 6.0.0.



For details about upgrading your FortiManager device, see the *FortiManager Upgrade Guide*.

Downgrading to previous firmware versions

FortiManager does not provide a full downgrade path. You can downgrade to a previous firmware release via the GUI or CLI, but doing so results in configuration loss. A system reset is required after the firmware downgrading process has completed. To reset the system, use the following CLI commands via a console port connection:

```
execute reset {all-settings | all-except-ip}  
execute format {disk | disk-ext4 | disk-ext3}
```

FortiManager VM firmware

Fortinet provides FortiManager VM firmware images for Amazon AWS, Citrix and Open Source XenServer, Linux KVM, Microsoft Hyper-V Server, and VMware ESX/ESXi virtualization environments.

Amazon Web Services

- The 64-bit Amazon Machine Image (AMI) is available on the AWS marketplace.

Citrix XenServer and Open Source XenServer

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiManager VM installation.
- `.out.OpenXen.zip`: Download the 64-bit package for a new FortiAnalyzer VM installation. This package contains the QCOW2 file for the Open Source Xen Server.
- `.out.CitrixXen.zip`: Download the 64-bit package for a new FortiManager VM installation. This package contains the Citrix XenServer Virtual Appliance (XVA), Virtual Hard Disk (VHD), and OVF files.

Linux KVM

- `.out`: Download the 64-bit firmware image to upgrade your existing FortiManager VM installation.
- `.out.kvm.zip`: Download the 64-bit package for a new FortiManager VM installation. This package contains QCOW2 that can be used by qemu.

Microsoft Azure

The files for Microsoft Azure have AZURE in the filenames, for example `FMG_VM64_AZURE-v<number>-build<number>-FORTINET.out.hyperv.zip`.

- `.out`: Download the firmware image to upgrade your existing FortiManager VM installation.
- `.hyperv.zip`: Download the package for a new FortiManager VM installation. This package contains a Virtual Hard Disk (VHD) file for Microsoft Azure.

Microsoft Hyper-V Server

The files for Microsoft Hyper-V Server have HV in the filenames, for example, `FMG_VM64_HV-v<number>-build<number>-FORTINET.out.hyperv.zip`.

- `.out`: Download the firmware image to upgrade your existing FortiManager VM installation.
- `.hyperv.zip`: Download the package for a new FortiManager VM installation. This package contains a Virtual Hard Disk (VHD) file for Microsoft Hyper-V Server.



Microsoft Hyper-V 2016 is supported.

VMware ESX/ESXi

- `.out`: Download the 64-bit firmware image to upgrade your existing VM installation.
- `.ovf.zip`: Download either the 64-bit package for a new VM installation. This package contains an Open Virtualization Format (OVF) file for VMware and two Virtual Machine Disk Format (VMDK) files used by the OVF file during deployment.



For more information see the FortiManager product data sheet available on the Fortinet web site, <http://www.fortinet.com/products/fortimanager/virtualappliances.html>. VM installation guides are available in the [Fortinet Document Library](#).

Firmware image checksums

The MD5 checksums for all Fortinet software and firmware releases are available at the Customer Service & Support portal, <https://support.fortinet.com>. After logging in select *Download > Firmware Image Checksums*, enter the image file name including the extension, and select *Get Checksum Code*.

SNMP MIB files

You can download the *FORTINET-FORTIMANAGER-FORTIANALYZER.mib* MIB file in the firmware image file folder. The Fortinet Core MIB file is located in the main FortiManager version 5.00 file folder.

Product Integration and Support

FortiManager 6.0.2 support

The following table lists 6.0.2 product integration and support information:

Web Browsers

- | |
|---|
| <ul style="list-style-type: none">• Microsoft Internet Explorer version 11 or Edge 40
Due to limitation on Microsoft Internet Explorer or Edge, it may not completely render a page with a large set of policies or objects.• Mozilla Firefox version 61• Google Chrome version 68 <p>Other web browsers may function correctly, but are not supported by Fortinet.</p> |
|---|

FortiOS/FortiOS Carrier

- 6.0.0 to 6.0.2
- 5.6.5
- 5.6.4
FortiManager 6.0.2 is fully tested as compatible with FortiOS/FortiOS Carrier 5.6.4, with some minor interoperability issues. For information, see [Compatibility issues with FortiOS 5.6.4 on page 26](#).
- 5.6.2 to 5.6.3
FortiManager 6.0.2 is fully tested as compatible with FortiOS/FortiOS Carrier 5.6.2 to 5.6.3, with some minor interoperability issues. For information, see [Compatibility issues with FortiOS 5.6.3 on page 26](#).
- 5.6.0 to 5.6.1
FortiManager 6.0.2 is fully tested as compatible with FortiOS/FortiOS Carrier 5.6.0 to 5.6.1, with some minor interoperability issues. For information, see [Compatibility issues with FortiOS 5.6.0 and 5.6.1 on page 26](#).
- 5.4.9
FortiManager 6.0.2 is fully tested as compatible with FortiOS/FortiOS Carrier 5.4.9, with some minor interoperability issues. For information, see [Compatibility issues with FortiOS 5.4.9 on page 27](#).
- 5.4.1 to 5.4.8
- 5.2.8 to 5.2.13
FortiManager 6.0.2 is fully tested as compatible with FortiOS/FortiOS Carrier 5.2.10, with some minor interoperability issues. For information, see [Compatibility issues with FortiOS 5.2.10 on page 27](#).
- 5.2.7
FortiManager 6.0.2 is fully tested as compatible with FortiOS/FortiOS Carrier 5.2.7, with some minor interoperability issues. For information, see [Compatibility issues with FortiOS 5.2.7 on page 27](#).
- 5.2.6
FortiManager 6.0.2 is fully tested as compatible with FortiOS/FortiOS Carrier 5.2.6, with some minor interoperability issues. For information, see [Compatibility issues with FortiOS 5.2.6 on page 27](#).
- 5.2.2 to 5.2.5
- 5.2.1
FortiManager 6.0.2 is fully tested as compatible with FortiOS/FortiOS Carrier 5.2.1, with some minor interoperability issues. For information, see [Compatibility issues with FortiOS 5.2.1 on page 28](#).
- 5.2.0
FortiManager 6.0.2 is fully tested as compatible with FortiOS/FortiOS Carrier 5.2.0, with some minor interoperability issues. For information, see [Compatibility issues with FortiOS 5.2.0 on page 28](#).

FortiAnalyzer	<ul style="list-style-type: none">• 6.0.0 to 6.0.2• 5.6.0 to 5.6.5• 5.4.0 to 5.4.4• 5.2.0 to 5.2.10• 5.0.0 to 5.0.13
FortiAuthenticator	<ul style="list-style-type: none">• 5.2.2
FortiCache	<ul style="list-style-type: none">• 4.2.7• 4.2.6• 4.1.2• 4.0.0 to 4.0.4
FortiClient	<ul style="list-style-type: none">• 5.6.6• 5.6.3• 5.6.0• 5.4.0 and later• 5.2.0 and later
FortiMail	<ul style="list-style-type: none">• 5.4.5• 5.4.2• 5.3.7• 5.2.9• 5.1.6• 5.0.10
FortiSandbox	<ul style="list-style-type: none">• 2.5.1• 2.5.0• 2.4.1• 2.4.0• 2.3.2• 2.2.1• 2.1.2• 1.4.0 and later• 1.3.0• 1.2.0 and 1.2.3
FortiSwitch ATCA	<ul style="list-style-type: none">• 5.2.3• 5.0.0 and later• 4.3.0 and later• 4.2.0 and later

FortiWeb

- 5.9.0
- 5.8.6
- 5.6.0
- 5.5.4
- 5.4.1
- 5.3.8
- 5.2.4
- 5.1.4
- 5.0.6

FortiDDoS

- 4.5.0
- 4.4.1
- 4.2.3
- 4.1.11

Limited support. For more information, see [Feature support on page 16](#).

Virtualization

- Amazon Web Service AMI, Amazon EC2, Amazon EBS
- Citrix XenServer 6.2
- Linux KVM Redhat 6.5
- Microsoft Azure
- Microsoft Hyper-V Server 2008 R2, 2012 & 2012 R2
- OpenSource XenServer 4.2.5
- VMware
 - ESX versions 4.0 and 4.1
 - ESXi versions 4.0, 4.1, 5.0, 5.1, 5.5, 6.0, 6.5, and 6.7.



To confirm that a device model or firmware version is supported by current firmware version running on FortiManager, run the following CLI command:

```
diagnose dvm supported-platforms list
```



Always review the Release Notes of the supported platform firmware version before upgrading your device.

Feature support

The following table lists FortiManager feature support for managed platforms.

Platform	Management Features	FortiGuard Update Services	Reports	Logging
FortiGate	✓	✓	✓	✓

Platform	Management Features	FortiGuard Update Services	Reports	Logging
FortiCarrier	✓	✓	✓	✓
FortiAnalyzer			✓	✓
FortiAuthenticator			✓	✓
FortiCache			✓	✓
FortiClient		✓	✓	✓
FortiDDoS			✓	✓
FortiMail		✓	✓	✓
FortiSandbox		✓	✓	✓
FortiSwitch ATCA	✓			
FortiWeb		✓	✓	✓
Syslog				✓

Language support

The following table lists FortiManager language support information.

Language	GUI	Reports
English	✓	✓
Chinese (Simplified)	✓	✓
Chinese (Traditional)	✓	✓
French		✓
Japanese	✓	✓
Korean	✓	✓
Portuguese		✓
Spanish		✓

To change the FortiManager language setting, go to *System Settings > Admin > Admin Settings*, in *Administrative Settings > Language* select the desired language on the drop-down menu. The default value is *Auto Detect*.

Russian, Hebrew, and Hungarian are not included in the default report languages. You can create your own language translation files for these languages by exporting a predefined language from FortiManager, modifying the text to a different language, saving the file as a different language name, and then importing the file into FortiManager. For more information, see the *FortiAnalyzer Administration Guide*.

Supported models

The following tables list which FortiGate, FortiCarrier, FortiDDoS, FortiAnalyzer, FortiMail, FortiSandbox, FortiSwitch ATCA, FortiWeb, and FortiCache models and firmware versions that can be managed by a FortiManager or send logs to a FortiManager running version 6.0.2.



Software license activated LENC devices are supported, if their platforms are in the supported models list. For example, support of FG-3200D indicates support of FG-3200D-LENC.

FortiGate models

Model	Firmware Version
FortiGate: FG-30D, FG-30D-POE, FG-30E, FG-30E-3G4G-INTL, FG-30E-3G4G-NAM, FG50E, FG-51E, FG-52E, FG-60D, FG-60D-POE, FG-60E, FG-60E-POE, FG-61E, FG-70D, FG-70D-POE, FG-80D, FG-80E, FG-80E-POE, FG-81E, FG-81E-POE, FG-90D, FG-90D-POE, FG-90E, FG-91E, FG-92D, FG-94D-POE, FG-98D-POE, FG-100D, FG-100E, FG-100EF, FG-101E, FG-140D, FG-140D-POE, FG-140E, FG-140E-POE, FG200D, FG-200D-POE, FG-200E, FG-201E, FG-240D, FG-240-POE, FG-280D-POE, FG300D, FG-300E, FG-301E, FG-400D, FG-500D, FG-500E, FG-501E, FG-600D, FG-800D, FG-900D, FG-1000D, FG-1200D, FG-1500D, FG-1500DT, FG-2000E, FG-2500E, FG-3000D, FG-3100D, FG-3200D, FG-3600C, FG3700D, FG-3800D, FG-3810D, FG-3815D, FG-3960E, FG-3980E FortiGate 5000 Series: FG-5001D, FG-5001E, FG-5001E1 FortiGate DC: FG1500D-DC, FG-3000D-DC, FG-3100D-DC, FG-3200D-DC, FG-3700D-DC, FG-3800D-DC, FG-3810D-DC, FG-3815D-DC FortiGate Hardware Low Encryption: FG-100D-LENC, FG-600C-LENC Note: All license-based LENC is supported based on the FortiGate support list. FortiWiFi: FWF-30D, FWF-30E, FWF-30E-3G4G-INTL, FWF-30E-3G4G-NAM, FWF-50E, FWF-50E-2R, FWF-51E, FWF-60D, FWF-60D-POE, FWF-60E, FWF-61E, FWF-90D, FWF-90D-POE, FWF-92D FortiGate VM: FG-VM64, FG-VM64-AWS, FG-VM64-AWSONDEMAND, FG-VM64-AZUREONDEMAND, FG-VM64-Azure, FG-VM64-GCP, VM64-GCPONDEMAND, FG-VM64-HV, FG-VM64-KVM, FG-VM64-OPC, FG-VM64-XEN, FG-VMX-Service-Manager, FOS-VM64, FOS-VM64-KVM, FOS-VM64-Xen FortiGate Rugged: FGR-30D, FGR-35D, FGR-60D, FGR-90D	6.0

Model	Firmware Version
FortiGate: FG-30D, FG-30D-POE, FG-30E, FG-30E-3G4G-INTL, FG-30E-3G4G-NAM, FG-50E, FG-51E, FG-52E, FG-60D, FG-60D-POE, FG-60E, FG-60E-POE, FG-60E-DSL, FG-61E, FG-70D, FG-70D-POE, FG-80C, FG-80CM, FG-80D, FG-80E, FG-80E-POE, FG-81E, FG-81E-POE, FG-90D, FG-90D-POE, FG-90E, FG-91E, FG-92D, FG-94D-POE, FG-98D-POE, FG-100D, FG-100E, FG-100EF, FG-101E, FG-140D, FG-140D-POE, FG-140E, FG-140E-POE, FG-200D, FG-200D-POE, FG-200E, FG-201E, FG-240D, FG-240-POE, FG-280D-POE, FG-300D, FG-300E, FG-301E, FG-400D, FG-500D, FG-500E, FG-501E, FG-600C, FG-600D, FG-800C, FG-800D, FG-900D, FG-1000C, FG-1000D, FG-1200D, FG-1500D, FG-1500DT, FG-2000E, FG-2500E, FG-3000D, FG-3100D, FG-3200D, FG-3240C, FG-3600C, FG-3700D, FG-3700DX, FG-3800D, FG-3810D, FG-3815D, FG-3960E, FG-3980E, FortiGate 5000 Series: FG-5001C, FG-5001D, FG-5001E, FG-5001E1 FortiGate DC: FG-80C-DC, FG-600C-DC, FG-800C-DC, FG-800D-DC, FG-1000C-DC, FG-1500D-DC, FG-3000D-DC, FG-3100D-DC, FG-3200D-DC, FG-3240C-DC, FG-3600C-DC, FG-3700D-DC, FG-3800D-DC, FG-3810D-DC, FG-3815D-DC FortiGate Hardware Low Encryption: FG-80C-LENC, FG-100D-LENC, FG-600C-LENC, FG-1000C-LENC Note: All license-based LENC is supported based on the FortiGate support list. FortiWiFi: FWF-30D, FWF-30D-POE, FWF-30E, FWF-30E-3G4G-INTL, FWF-30E-3G4G-NAM, FWF-50E, FWF-50E-2R, FWF-51E, FWF-60D, FWF-60D-POE, FWF-60E, FWF-61E, FWF-80CM, FWF-81CM, FWF-90D, FWF-90D-POE, FWF-92D FortiGate VM: FG-VM64, FG-VM64-AWS, FG-VM64-AWSONDEMAND, FG-VM64-Azure, FG-VM64-AZUREONDEMAND, FG-VM64-GCP, FG-VM64-HV, FG-VM64-KVM, FG-VM64-OPC, FG-VM64-XEN, FG-VMX-Service-Manager, FOSVM64, FOSVM64-KVM, FOS-VM64-Xen FortiGate Rugged: FGR-30D, FGR-35D, FGR-60D, FGR-90D	5.6

Model	Firmware Version
FortiGate: FG-30D, FG-30D-POE, FG-30E, FG-30E-3G4G-INTL, FG-30E-3G4G-NAM, FG-50E, FG-51E, FG-52E, FG-60D, FG-60D-POE, FG-60E, FG-60E-DSL, FG-60E-POE, FG-61E, FG-70D, FG-70D-POE, FG-80C, FG-80CM, FG-80D, FG-80E, FG-80E-POE, FG-81E, FG-81E-POE, FG-90D, FG-90D-POE, FG-90E, FG-91E, FG-92D, FG-94D-POE, FG-98D-POE, FG-100D, FG-100E, FG-100EF, FG-101E, FG-140D, FG-140D-POE, FG-140E, FG-140-POE, FG-200D, FG-200D-POE, FG-240D, FG-240D-POE, FG-280D-POE, FG-200E, FG-201E, FGT-300D, FGT-300E, FGT-301E, FG-400D, FG-500D, FG-500E, FG-501E, FG-600C, FG-600D, FG-800C, FG-800D, FG-900D, FG-1000C, FG-1000D, FG-1200D, FG-1500D, FG-1500DT, FG-3000D, FG-3100D, FG-3200D, FG-3240C, FG-3600C, FG-3700D, FG-3700DX, FG 3800D, FG-3810D, FG-3815D, FG-3960E, FG3980E, FG-2000E, FG-2500E FortiGate 5000 Series: FG-5001C, FG-5001D, FG-5001E, FG-5001E1 FortiGate 6000 Series: FG-6300F, FG-6301F, FG-6500F, FG-6501F FortiGate 7000 Series: FG-7030E-Q, FG-7030E-S, FG-7040E-1, FG-7040E-2, FG-7040E-3, FG-7040E-4, FG-7040E-5, FG-7040E-6, FG-7040E-8, FG-7040E-8-DC, FG-7060E-1, FG-7060E-2, FG-7060E-3, FG-7060E-4, FG-7060E-5, FG-7060E-6, FG-7060E-8 FortiGate DC: FG-80C-DC, FG-600C-DC, FG-800C-DC, FG-800D-DC, FG-1000C-DC, FG-1500D-DC, FG-3000D-DC, FG-3100D-DC, FG-3200D-DC, FG-3240C-DC, FG-3600C-DC, FG-3700D-DC, FG-3800D-DC, FG-3810D-DC, FG-3815DC FortiGate Hardware Low Encryption: FG-80C-LENC, FG-100D-LENC, FG-600C-LENC, FG-1000C-LENC Note: All license-based LENC is supported based on the FortiGate support list. FortiWiFi: FWF-30D, FWF-30D-POE, FWF-30E, FWF-30E-3G4G-INTL, FWF-30E-3G4G-NAM, FWF-50E, FWF-50E-2R, FWF-51E, FWF-60D, FWF-60D-POE, FWF-60E-DSL, FWF-60E, FWF-61E, FWF-80CM, FWF-81CM, FWF-90D, FWF-90D-POE, FWF-92D FortiGate VM: FG-VM, FG-VM64, FG-VM64-AWS, FG-VM64-AWSONDEMAND, FG-VM64-HV, FG-VM64-KVM, FG-VM64-OPC, FG-VM64-XEN, FG-VMX-Service-Manager, FOS-VM64, FOS-VM64-KVM FortiGate Rugged: FGR-30D, FGR-30D-ADSL-A, FGR-35D, FGR-60D, FGR-90D	5.4

Model	Firmware Version
FortiGate: FG-20C, FG-20C-ADSL-A, FG-30D, FG-30D-POE, FG-40C, FG-60C, FG-60C-POE, FG-60C-SFP, FG-60D, FG-60D-3G4G-VZW, FG-60D-POE, FG-70D, FG-70D-POE, FG-80C, FG-80CM, FG-80D, FG-90D, FG-90D-POE, FG-92D, FG-94D-POE, FG-98D-POE, FG-100D, FG-110C, FG-111C, FG-140D, FG-140D-POE, FG-140D-POE-T1, FG-200B, FG-200B-POE, FG-200D, FG-200D-POE, FG-240D, FG-240D-POE, FG-280D-POE, FG-300C, FG-300D, FG-310B, FG-311B, FG-400D, FG-500D, FG-600C, FG-600D, FG-620B, FG-621B, FG-800C, FG-800D, FG-900D, FG-1000C, FG-1000D, FG-1200D, FG-1240B, FG-1500D, FG-1500DT, FG-3000D, FG-3016B, FG-3040B, FG-3100D, FG-3140B, FG-3200D, FG-3240C, FG-3600C, FG-3700D, FG-3700DX, FG-3810A, FG-3810D, FG-3815D, FG-3950B, FG-3951B FortiGate 5000 Series: FG-5001A, FG-5001A-SW, FG-5001A-LENC, FG-5001A-DW-LENC, FG-5001A-SW-LENC, FG-5001B, FG-5001C, FG-5001D, FG-5101C FortiGate DC: FG-80C-DC, FG-300C-DC, FG-310B-DC, FG-600C-DC, FG-620B-DC, FG-621B-DC, FG-800C-DC, FG-800D-DC, FG-1000C-DC, FG-1240B-DC, FG-1500D-DC, FG-3000D-DC, FG-3040B-DC, FG-3100D-DC, FG-3140B-DC, FG-3200D-DC, FG-3240C-DC, FG-3600C-DC, FG-3700D-DC, FG-3810A-DC, FG-3810D-DC, FG-3815D-DC, FG-3950B-DC, FG-3951B-DC FortiGate Low Encryption: FG-20C-LENC, FG-40C-LENC, FG-60C-LENC, FG-80C-LENC, FG-100D-LENC, FG-200B-LENC, FG-300C-LENC, FG-310B-LENC, FG-600C-LENC, FG-620B-LENC, FG-1000C-LENC, FG-1240B-LENC, FG-3040B-LENC, FG-3140B-LENC, FG-3810A-LENC, FG-3950B-LENC FortiWiFi: FWF-20C, FWF-20C-ADSL-A, FWF-30D, FWF-30D-POE, FWF-40C, FWF-60C, FWF-60CM, FWF-60CX-ADSL-A, FWF-60D, FWF-60D-3G4G-VZW, FWF-60D-POE, FWF-80CM, FWF-81CM, FWF-90D, FWF-90D-POE, FWF-92D FortiGate Rugged: FGR-60D, FGR-100C FortiGate VM: FG-VM, FG-VM64, FG-VM64-AWSONDEMAND, FG-VM-Azure, FG-VM64-HV, FG-VM64-KVM, FG-VM64-XEN FortiSwitch: FS-5203B, FCT-5902D	5.2

FortiCarrier Models

Model	Firmware Version
FortiCarrier: FGT-3000D, FGT-3100D, FGT-3200D, FGT-3700D, FGT-3800D, FGT-3810D, FGT-3960E, FGT-3980E, FGT-5001D, FGT-5001E FortiCarrier-DC: FGT-3000D-DC, FGT-3100D-DC, FGT-3200D-DC, FGT-3700D-DC, FGT-3800D-DC, FGT-3810D-DC, FGT-3960E-DC, FGT-3980E-DC FortiCarrier-VM: FG-VM, FG-VM64, FG-VM64-AWS, FG-VM64-Azure, FG-VM64-GCP, FG-VM64-HV, FG-VM64-KVM, FG-VM64-OPC, FG-VM64-Xen	6.0

Model	Firmware Version
FortiCarrier: FGT-3000D, FGT-3100D, FGT-3200D, FGT-3240C, FGT-3600C, FGT-3700D, FGT-3700DX, FGT-3800D, FGT-3810D, FGT-3960E, FGT-3980E, FGT-5001C, FGT-5001D, FGT-5001E FortiCarrier-DC: FGT-3000D-DC, FGT-3100D-DC, FGT-3200D-DC, FGT-3240C-DC, FGT-3600C-DC, FGT-3700D-DC, FGT-3800D-DC, FGT-3810D-DC, FGT-3960E-DC, FGT-3980E-DC FortiCarrier-VM: FG-VM, FG-VM64, FG-VM64-AWS, FG-VM64-AWS-AWSONDEMAND, FG-VM64-Azure, FG-VM64-GCP, FG-VM64-HV, FG-VM64-KVM, FG-VM64-OPC, FG-VM64-Xen	5.6
FortiCarrier: FGT-3000D, FGT-3100D, FGT-3200D, FGT-3240C, FGT-3600C, FGT-3700D, FGT-3700DX, FGT-3800D, FGT-3810D, FGT-5001C, FGT-5001D, FGT-7030E, FGT-7040E FortiCarrier-DC: FGT-3000D-DC, FGT-3100D-DC, FGT-3200D-DC, FGT-3240C-DC, FGT-3600C-DC, FGT-3700D-DC, FGT-3800D-DC, FGT-3810D-DC FortiCarrier-VM: FG-VM, FG-VM64, FG-VM64-AWS, FG-VM64-AWS-AWSONDEMAND, FG-VM64-Azure, FG-VM64-HV, FG-VM64-KVM, FG-VM64-OPC, FG-VM64-Xen	5.4
FortiCarrier: FGT-3000D, FGT-3100D, FGT-3200D, FGT-3240C, FGT-3600C, FGT-3700D, FGT-3700DX, , FGT-3810A, FGT-3810D, FGT-3950B, FGT-3951B, FGT-5100B, FGT-5100C, FGT-5001D, FGT-5101C, FS-5203B, FT-5902D FortiCarrier-DC: FGT-3000D-DC, FGT-3100D-DC, FGT-3200D-DC, FGT-3240C-DC, FGT-3600C-DC, FGT-3700D-DC, FGT-3810A-DC, FGT-3810D-DC, FGT-3950B-DC, FGT-3951B-DC FortiCarrier-VM: FG-VM, FG-VM64, FG-VM64-AWS, FG-VM64-AWS-AWSONDEMAND, FG-VM64-HV, FG-VM64-KVM, FG-VM64-Xen	5.2

FortiDDoS models

Model	Firmware Version
FortiDDoS: FI-200B, FI400B, FI-600B, FI-800B, FI-900B, FI-1000B, FI-1200B, FI-2000B, FI-3000B	4.2, 4.1, 4.0

FortiAnalyzer models

Model	Firmware Version
FortiAnalyzer: FAZ-200D, FAZ-300D, FAZ-400E, FAZ-1000D, FAZ-1000E, FAZ-2000B, FAZ-3000D, FAZ-3000E, FAZ-3000F, FAZ-3500E, FAZ-3500F, and FAZ-3900E.	5.6
FortiAnalyzer VM: FAZ-VM64, FAZ-VM64-AWS, FMG-VM64-Azure, FAZ-VM64-HV, FAZ-VM64-KVM, and FAZ-VM64-XEN (Citrix XenServer and Open Source Xen).	

Model	Firmware Version
FortiAnalyzer: FAZ-200D, FAZ-300D, FAZ-400E, FAZ-1000D, FAZ-1000E, FAZ-2000B, FAZ-2000E, FAZ-3000D, FAZ-3000E, FAZ-3000F, FAZ-3500E, FAZ-3500F, FAZ-3900E, and FAZ-4000B. FortiAnalyzer VM: FAZ-VM64, FMG-VM64-Azure, FAZ-VM64-HV, FAZ-VM64-XEN (Citrix XenServer and Open Source Xen), FAZ-VM64-KVM, and FAZ-VM64-AWS.	5.4
FortiAnalyzer: FAZ-100C, FAZ-200D, FAZ-300D, FAZ-400C, FAZ-400E, FAZ-1000C, FAZ-1000D, FAZ-1000E, FAZ-2000B, FAZ-3000D, FAZ-3000E, FAZ-3000F, FAZ-3500E, FAZ-3500F, FAZ-3900E, FAZ-4000B FortiAnalyzer VM: FAZ-VM, FAZ-VM-AWS, FAZ-VM64, FAZ-VM64-Azure, FAZ-VM64-HV, FAZ-VM64-KVM, FAZ-VM64-XEN	5.2
FortiAnalyzer: FAZ-100C, FAZ-200D, FAZ-300D, FAZ-400B, FAZ-400C, FAZ-400E, FAZ-1000B, FAZ-1000C, FAZ-1000D, FAZ-1000E, FAZ-2000A, FAZ-2000B, FAZ-3000D, FAZ-3000E, FAZ-3000F, FAZ-3500E, FAZ-3500F, FAZ-4000A, FAZ-4000B FortiAnalyzer VM: FAZ-VM, FAZ-VM64, FAZ-VM64-AWS, FAZ-VM64-Azure, FAZ-VM64-HV, FAZ-VM64-KVM, FAZ-VM64-XEN	5.0

FortiMail models

Model	Firmware Version
FortiMail: FE-60D, FE-200D, FE-200E, FE-400C, FE-400E, FE-1000D, FE-2000B, FE-2000E, FE-3000C, FE-3000D, FE-3000E, FE-3200E, FE-5002B FortiMail Low Encryption: FE-3000C-LENC FortiMail VM: FE-VM64, FE-VM64-HV, FE-VM64-XEN	5.3.7
FortiMail: FE-60D, FE-200D, FE-200E, FE-400C, FE-400E, FE-1000D, FE-2000B, FE-3000C, FE-3000D, FE-5002B FortiMail VM: FE-VM64, FE-VM64-HV, FE-VM64-XEN	5.2.8
FortiMail: FE-100C, FE-200D, FE-200E, FE-400B, FE-400C, FE-400E, FE-1000D, FE-2000B, FE-3000C, FE-3000D, FE-5001A, FE-5002B FortiMail VM: FE-VM64	5.1.6
FortiMail: FE-100C, FE-200D, FE-200E, FE-400B, FE-400C, FE-1000D, FE-2000A, FE-2000B, FE-3000C, FE-3000D, FE-4000A, FE-5001A, FE-5002B FortiMail VM: FE-VM64	5.0.10

FortiSandbox models

Model	Firmware Version
FortiSandbox: FSA-1000D, FSA-2000E, FSA-3000D, FSA-3000E, FSA-3500D	2.4.0
FortiSandbox VM: FSA-VM	2.3.2

Model	Firmware Version
FortiSandbox: FSA-1000D, FSA-3000D, FSA-3500D	2.2.0
FortiSandbox VM: FSA-VM	2.1.0
FortiSandbox: FSA-1000D, FSA-3000D	2.0.0
FortiSandbox VM: FSA-VM	1.4.2
FortiSandbox: FSA-1000D, FSA-3000D	1.4.0 and 1.4.1 1.3.0 1.2.0 and later

FortiSwitch ACTA models

Model	Firmware Version
FortiController: FTCL-5103B, FTCL-5902D, FTCL-5903C, FTCL-5913C	5.2.0
FortiSwitch-ATCA: FS-5003A, FS-5003B	5.0.0
FortiController: FTCL-5103B, FTCL-5903C, FTCL-5913C	
FortiSwitch-ATCA: FS-5003A, FS-5003B	4.3.0 4.2.0

FortiWeb models

Model	Firmware Version
FortiWeb: FWB-2000E	5.6.0
FortiWeb: FWB-100D, FWB-400C, FWB-400D, FWB-1000C, FWB-1000D, FWB-3000C, FWB-3000CFSX, FWB-3000D, FWB-3000DFSX, FWB-3000E, FWB-3010E, FWB-4000C, FWB-4000D, FWB-4000E	5.5.3
FortiWeb VM: FWB-VM-64, FWB-XENAWS, FWB-XENOPEN, FWB-XENSERVR, FWB-HYPERV, FWB-KVM, FWB-AZURE	
FortiWeb: FWB-100D, FWB-400C, FWB-1000C, FWB-3000C, FWB-3000CFSX, FWB-3000D, FWB-3000DFSX, FWB-3000E, FWB-4000C, FWB-4000D, FWB-4000E	5.4.1
FortiWeb VM: FWB-VM64, FWB-XENAWS, FWB-XENOPEN, FWB-XENSERVR, FWB-HYPERV	
FortiWeb: FWB-100D, FWB-400B, FWB-400C, FWB-1000B, FWB-1000C, FWB-1000D, FWB-3000C, FWB-3000CFSX, FWB-3000D, FWB-3000DFSX, FWB-3000E, FWB-4000C, FWB-4000D, FWB-4000E	5.3.8
FortiWeb VM: FWB-VM64, FWB-XENAWS, FWB-XENOPEN, FWB-XENSERVR, and FWB-HYPERV	

Model	Firmware Version
FortiWeb: FWB-100D, FWB-400B, FWB-400C, FWB-1000B, FWB-1000C, FWB-1000D, FWB-3000C, FWB-3000CFSX, FWB-3000D, FWB-3000DFSX, FWB-3000E, FWB-4000C, FWB-4000D, FWB-4000E FortiWeb VM: FWB-VM64, FWB-HYPERV, FWB-XENAWS, FWB-XENOPEN, FWB-XENSERVR	5.2.4

FortiCache models

Model	Firmware Version
FortiCache: FCH-400C, FCH-400E, FCH-1000C, FCH-1000D, FCH-3000C, FCH-3000D, FCH-3900E FortiCache VM: FCH-VM64	4.0

FortiProxy models

Model	Firmware Version
FortiProxy: FPX-400E, FPX-2000E FortiProxy VM: FPX-KVM, FPX-VM64	1.0

FortiAuthenticator models

Model	Firmware Version
FortiAuthenticator: FAC-200D, FAC-200E, FAC-400C, FAC-400E, FAC-1000C, FAC-1000D, FAC-3000B, FAC-3000D, FAC-3000E, FAC-VM	4.0 and 4.1

Compatibility with FortiOS Versions

This section highlights compatibility issues that administrators should be aware of in 6.0.2.

Compatibility issues with FortiOS 5.6.4

Bug ID	Description
486921	FortiManager may not be able to support the syntax for the following objects: <ul style="list-style-type: none">• <code>rsso-endpoint-block-attribute</code>, <code>rsso-endpoint-block-attribute</code>, or <code>sso-attribute</code> for RADIUS users.• <code>sdn</code> and its <code>filter</code> attributes for firewall address objects.• <code>azure</code> SDN connector type.• <code>ca-cert</code> attribute for LDAP users.

Compatibility issues with FortiOS 5.6.3

Bug ID	Description
469993	FortiManager has a different default value for <code>switch-controller-dhcp-snooping</code> from that on FortiGate.

Compatibility issues with FortiOS 5.6.0 and 5.6.1

Bug ID	Description
451036	FortiManager may return verification error on <code>proxy enable</code> when installing a policy package.
460639	FortiManager may return verification error on <code>wtp-profile</code> when creating a new VDOM.

Compatibility issues with FortiOS 5.4.9

Bug ID	Description
486592	FortiManager may report verification failure on the following attributes for RADIUS users: rsso-endpoint-attribute rsso-endpoint-block-attribute sso-attribute

Compatibility issues with FortiOS 5.2.10

The following table lists interoperability issues that have been identified with FortiManager version 6.0.2 and FortiOS 5.2.10.

Bug ID	Description
397220	FortiOS 5.2.10 increased the maximum number of the firewall schedule objects for 1U and 2U+ appliances. As a result, a retrieve may fail if more than the maximum objects are configured.

Compatibility issues with FortiOS 5.2.7

The following table lists interoperability issues that have been identified with FortiManager version 6.0.2 and FortiOS 5.2.7.

Bug ID	Description
365757	Retrieve may fail on LDAP User Group if object filter has more than 511 characters.
365766	Retrieve may fail when there are more than 50 portals within a VDOM.
365782	Install may fail on system global optimize or system fips-cc entropy-token.

Compatibility issues with FortiOS 5.2.6

The following table lists interoperability issues that have been identified with FortiManager version 6.0.2 and FortiOS 5.2.6.

Bug ID	Description
308294	1) New default wtp-profile settings on FOS 5.2.6 cause verification errors during installation. 2) FortiManager only supports 10,000 firewall addresses while FortiOS 5.2.6 supports 20,000 firewall addresses.

Compatibility issues with FortiOS 5.2.1

The following table lists interoperability issues that have been identified with FortiManager version 6.0.2 and FortiOS version 5.2.1.

Bug ID	Description
262584	When creating a VDOM for the first time it fails.
263896	If it contains the certificate: <code>Fortinet_CA_SSLProxy</code> or <code>Fortinet_SSLProxy</code> , <code>retrieve</code> may not work as expected.

Compatibility issues with FortiOS 5.2.0

The following table lists known interoperability issues that have been identified with FortiManager version 6.0.2 and FortiOS version 5.2.0.

Bug ID	Description
262584	When creating a VDOM for the first time it fails.
263949	Installing a VIP with port forwarding and ICMP to a 5.2.0 FortiGate fails.

Bug ID	Description
230199	FortiManager allows the creation of a new FAP-320C WTP profile on a FortiOS 5.0.5 device causing the install to fail. FAP-320C is new for FortiOS 5.0.6.

Bug ID	Description
226064	Attempting to install time zones 79 and 80 fails. These time zones were added in FortiOS 5.0.5.
226078	When the password length is increased to 128 characters, the installation fails.
226098	When installing a new endpoint-control profile, installation verification fails due to default value changes in FortiOS 5.0.5.
226102	If DHCP server is disabled, installation fails due to syntax changes in FortiOS 5.0.5.
226203	Installation of address groups to some FortiGate models may fail due to table size changes. The address group table size was increased in FortiOS 5.0.5.
226236	The <code>set dedicated-management-cpu enable</code> and <code>set user-anonymize enable</code> CLI commands fail on device install. These commands were added in FortiOS 5.0.5.
230199	FortiManager allows the creation of a new FAP-320C WTP profile on a FortiOS 5.0.4 device causing the install to fail. FAP-320C is new for FortiOS 5.0.6.

Resolved Issues

The following issues have been fixed in 6.0.2. For inquiries about a particular bug, please contact [Customer Service & Support](#).

Bug ID	Description
297365	Install copy failure when configuring vwl (SD-WAN) interface used in a VIP.
389325	1178/B1473: Retrieved revision config shows clear password for user LDAP and FSSO password.
399893	Device Manager cannot show named address in the router table Destination field.
411796	Section title does not show in Proxy Policy list page.
435634	If external interface is zone for VIP group, you must support dynamic mapping config to select zone member interface.
437115	B1187/1670/0092: From Device Manager, installation of static route with WLLB interface fails.
441826	Cannot uncheck all policies.
441876	Hidden ssl-ssh-profile named "certificate-inspection" is displayed after importing a FortiGate configuration, even when UTM is disabled.
443008	Install "set rpc-over-http enable" and "mapi-over-https" when FortiManager and FortiGate are upgrading from 5.4.1.
452689	Radius admin with profile and ADOM enabled receives a 'No Permission' error when trying to log in.
453702	Unable to filter policies by using Hit Count, Bytes, Packets, First Used, Last Used as is possible on FortiGate.
462851	The ha-direct option is not available for SNMP v3 in provisioning templates.
463662	Unable to move added columns in Policy Package header. The cursor gets stuck while moving columns in Policy Package header.
464267	Deleting a VDOM on FortiManager displays a pop-up message, which quickly disappears, and no details of VDOM references are given.
465511	Task Monitor does not give exact status of total and pending tasks when automatic-install is performed from Global ADOM.
469405	The uma_upd process crashes every second and quickly fills the disk.
472726	Not possible to add or edit bookmarks in VPN Manager when workflow mode is enabled.
473653	FortiManager 6.0.2 is no longer vulnerable to the following CVE-Reference: CVE-2018-1353
473973	Drag-and-drop method allows profiles and profile groups to coexist in a single policy.

Bug ID	Description
474241	Cannot set HA reserved management interface IP as same subnet with another interface from FortiManager.
474270	In GUI, enable advanced options in GTP profile edit page.
474712	Auto-backup process does not work and results in out-of-sync FortiGate configuration in Backup ADOM.
475483	Static route with named address gives the following error: "router/static/2/ : dstaddr ""<address_name>"" does not allow routing."
476220	Unable to edit Objects from the Explicit Proxy Policy view on a 5.4 ADOM
476227	In Workspace mode, the Policy Column Filters and its search results are cleared when the ADOM is locked by others.
477678	Add GUI support for "admin-scp" in the Provisioning Template widget.
478047	Add an option to disable dynamic mappings caused by different address comments.
480080	Unsetting adom-mode does not set expected 'normal' mode.
480400	Device Manager > System Information does not display correct FortiGate system time.
480991	Verification fails when using "assign-ip-from usrgp" in Device Manager VPN.
481378	The youtube-restrict option should not be visible in the GUI when creating a DNS Filter with safe-search disabled.
481873	1678: New firewall address object must not contain a default value of 0.0.0.0/0.0.0.0.
481991	Central SNAT Policy - NAT checkbox is unchecked all the time.
482929	Unable to write/change the scripts details on FortiManager 5.6.3 when using Internet Explorer version 11.
484578	FortiManager unsets CASI profiles configured in 5.4 ADOM explicit proxy policy - identity policy
484608	Dialup VPN configuration fails when peer type is set to dialup group.
486536	Policy package install fails due to "VIP overlap" error with FQDN VIP.
487177	Unable to run script when device lock is enabled.
487425	0092: Policy package status is incorrectly changed (or not properly updated) when making changes to device groups used in policy targets.
487995	Unable to import CA certificate to ADOM.
488159	Multiple policy package statuses changed to modified after changing one policy package.
489045	Installation failure when trying to configure an Explicit Web Proxy HTTPS service with the same port value as HTTP.
489545	VDOMs are not sorted in alphabetical order under managed FortiGate tree view.

Bug ID	Description
489721	An installation error appears for 'switch-controller-dhcp-snooping' after installing a NAT VDOM to FortiGate VM.
490500	RADIUS source-ip and VAP errors occur when installing a policy that has security profiles on FortiWifi-60E.
491140	Import Policy Package creates duplicate Interface mappings within a VPN Manager created zone.
491992	When scheduling scripts with script scheduler, the schedule uses the personal computer time instead of the FortiManager time.
492267	Import policy has error, but package status still displays a green check mark.
492293	When selecting an object on a policy with many objects, the user still needs to scroll down to find the highlighted object.
492359	After creating an object from the Object Selector pane, the object is not highlighted.
492723	Override-passwd-change cannot be pushed from AP Manager.
493227	Missing "Install On" for traffic shaping policy.
493300	GUI support for Internet service group, custom service, and custom service group in ADOM database.
493484	IPS signature syntax should support udp.dst_port.
493591	Should not allow globally assigned FSSO/POLLING objects to retrieve "user adgrp" in local ADOM.
493781	FortiManager fails to retrieve configuration after HA enabled for FortiGate VM model.
494108	When adding an interface to a zone, the "Block intra-zone traffic" option is unset.
494537	Virtual switch-interface moves to root VDOM after changing it directly on FortiGate 140D-POE.
494586	'svc cdb reader' causes high CPU while viewing IPsec phase2.
494923	IKE version grayed out in existing tunnels, unlike FortiOS GUI.
494953	"View" button on the "Where Used" dialog does not display correct rules if sections are not expanded.
495754	Performing a "Policy Package diff" from Device Manager points to a firewall policy change, but does not display the difference on UUID.
496156	Changing Fortinet Single Sign-on agent name fails with the error 'Object does not exist'.
496612	Allow interface and zone to use an interface with the same name for default mapping configuration.
496827	Unable to delete the LDAP server, if the user group is deleted before removing the LDAP members.
497312	Creating an AP profile fails with the error invalid value - prop[ap-country]: option(33).

Bug ID	Description
497347	Cannot resize the "Duplicated Objects" and "Merge" windows.
497360	Cannot set "Configure Default Value" to ON in existing VIP.
497367	"Bring Tunnel DOWN" in Query for IPsec VPN does not work.
497636	After FortiGate is upgraded from 6.0.0 to 6.0.1 in FortiManager, the install fails because of SSH local-key.
497908	'Collapse All' with filter applied for Policy Package shows a "No entry found." message.
498791	Failed to create an AP profile for FortiAnalyzer 221C with default configuration due to the error "invalid value - prop[type]: option(16)".
499460	ADOM upgrade fails due to XSS vulnerability characters in FortiSwitch manager.
500911	Only 3 security modes are available and no Radius authentication in a WiFi SSID interface settings in a particular VDOM.
500913	When editing the SSID under AP Manager in ADOM 5.4, the web interface was non-responsive.
502047	Policy install fails when IP pool object type is changed from fixed port range to overload.
502339	Interface VLAN name limit is 14 characters in Device Manager. However, the VLAN limit in FOS is 15 which causes a response error.
502478	The action 'Retrieve configuration' fails because 'dmgmt-ldom' was tied to an interface in FortiGate.
503129	Cannot set comments in DoS policy.
503913	Avatar not visible in Log View on FortiManager when FortiAnalyzer is enabled.
504234	DHCP server type IPSEC created on IPSEC tunnel interface is deleted with Policy Package installation.

Common Vulnerabilities and Exposures

Visit <https://fortiguard.com/psirt> for more information.

Bug ID	Description
487425	FortiManager 6.0.2 is no longer vulnerable to the following CVE Reference:

Known Issues

The following issues have been identified in 6.0.2. For inquiries about a particular bug or to report a bug, please contact [Customer Service & Support](#).

Bug ID	Description
473491	1631: Certificate enrollment fails using SCEP on Microsoft NDES server (Integrity check failed).
474629	When Security Profile Groups are created on FortiManager, all Security Profile Groups are pushed to all FortiGate units on next policy push.
476463	CPU increases to 100%, which affects performance and crashes FortiGuard Server.
478257	VPN Manager should filter out invalid interfaces for the default VPN interface.
483204	Manual speed/duplex negotiation not working for FortiManager 3900E ports.
506075	FortiSwitch monitor doesn't show FortiSwitch connections for FortiOS 6.0.2. Note: This issue will be addressed on FortiOS with ID 506251.
503787	FortiManager may fail to retrieve configuration when FortiGate does not show the name of an IP pool. Note: There is a known issue on FortiGate 6.0.2 devices. The issue will be addressed on FortiOS with ID 504251.
507628	FortiManager may not show the correct configuration status on devices after a bulk install.
507629	FortiManager may not respond to new tasks once a task has been canceled.

Appendix A - FortiGuard Distribution Servers (FDS)

In order for the FortiManager to request and retrieve updates from FDS, and for FortiManager to serve as a FDS, please configure the necessary settings on all devices between FortiManager and FDS, or between FortiManager and FortiGate devices based on the items listed below:

- FortiManager accesses FDS for antivirus and attack updates through TCP/SSL port 443.
- If there is a proxy server between FortiManager and FDS, FortiManager uses port 80 to communicate with the proxy server by default and connects to the proxy server using HTTP protocol.
- If FortiManager manages a FortiGate device located behind a proxy server, the proxy server permits TCP/SSL traffic to pass through via port 443.

FortiGuard Center update support

You can configure FortiManager as a local FDS to provide FortiGuard updates to other Fortinet devices and agents on your network. The following table lists which updates are available per platform/version:

Platform	Version	Antivirus	WebFilter	Vulnerability Scan	Software
FortiClient (Windows)	<ul style="list-style-type: none">• 6.0.0 and later	✓	✓	✓	✓
FortiClient (Windows)	<ul style="list-style-type: none">• 5.6.0 and later• 5.4.0 and later	✓		✓	
FortiClient (Mac OS X)	<ul style="list-style-type: none">• 6.0.0 and later• 5.6.0 and later• 5.4.0 and later	✓		✓	
FortiMail	<ul style="list-style-type: none">• 5.4.5• 5.4.2• 4.3.7• 4.2.9• 5.1.6	✓			
FortiSandbox	<ul style="list-style-type: none">• 2.5.0, 2.5.1• 2.4.0, 2.4.1• 2.3.2• 2.2.1• 2.1.2• 1.4.0 and later• 1.3.0• 1.2.0, 1.2.3	✓			

Platform	Version	Antivirus	WebFilter	Vulnerability Scan	Software
FortiWeb	<ul style="list-style-type: none">• 5.9.0• 5.8.6• 5.6.0• 5.5.4• 5.4.1• 5.3.8• 5.2.4• 5.1.4• 5.0.6	✓			

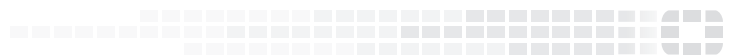


To enable FortiGuard Center updates for FortiMail version 4.2 enter the following CLI command:

```
config fmupdate support-pre-fgt-43
set status enable
end
```



FORTINET®



Copyright© 2018 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiCare® and FortiGuard®, and certain other marks are registered trademarks of Fortinet, Inc., in the U.S. and other jurisdictions, and other Fortinet names herein may also be registered and/or common law trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's General Counsel, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on Fortinet. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. In no event does Fortinet make any commitment related to future deliverables, features or development, and circumstances may change such that any forward-looking statements herein are not accurate. Fortinet disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.